



**CITY OF HUNTINGTON BEACH
PUBLIC WORKS COMMISSION
REQUEST FOR ACTION**

Item No. PWC 07-030

SUBMITTED TO: Chairman Siersema and Members of the Commission

SUBMITTED BY: Travis Hopkins, PE, Acting Director of Public Works

DATE: December 5, 2007

SUBJECT: Increase in Change Order Limit for Lift Stations #26, CC-1241

Statement of Issue: The construction of Sewer Lift Station #26 requires a change order increase to remove the originally specified KSB pumps and replace with Wemco pumps. Additional funding will be necessary to complete the project.

Funding Source: Funds in the amount of \$35,000 are available in the Sewer Service Charge Fund, Sewer Lift Station CIP, Sewer Improvements, 51189001.82600

Recommended Action: Recommend to the City Council:
Increase the previously authorized 10% change order limit for Lift Station #26 construction from \$226,400 (10%) an additional \$35,000 (1.5%) or for a total change order authorization of \$261,400 (11.5%).

Alternative Action(s): Do not approve the change order amount and forego startup of the station with pumps that would meet operating requirements.

Analysis: The replacement of Sewer Lift Station #26 is nearly complete. The originally approved pumps manufactured by KSB although not our standard, were considered to be in conformance with the contract document specifications. Based on performance documentation and pump manufacturer testimony, the pumps met all of the requirements and the City staff approved the substitution.

During the seven-day test, the pumps failed to perform due to debris obstructions. After a substantial troubleshooting effort, it was determined that although the KSB pumps did meet the contract specifications they did not perform to the satisfaction of the City. The KSB pumps were removed under City directive and replaced with temporary Wemco pumps. The contractor was directed replace the KSB with permanent Wemco pumps.

The City Engineer finds this change order request to be appropriate and necessary to complete the project. Total project change orders will amount to 11.5%.

G-2